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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/728,801	12/08/2003	Tatsuro Nagahara	FN4104US-CIP	8923
7590	01/24/2006		EXAMINER	
Alan P. Kass Clariant Corporation 70 Meister Avenue Somerville, NJ 08876			LEE, SIN J	
			ART UNIT	PAPER NUMBER
			1752	
DATE MAILED: 01/24/2006				

Please find below and/or attached an Office communication concerning this application or proceeding.

DETAILED ACTION

1. In view of applicants' argument, previous 102(b) rejection on claims 4-6, 8-15 and 17-19 over Nagahara et al (EP'435) is hereby withdrawn.
2. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

4. Claims 4-6, 8-15 and 17-19 are rejected under 35 U.S.C. 102(a) as being anticipated by Nagahara et al (US 2003/0113657 A1).

Nagahara et al is prior art as of its publication date (June 19, 2003) under 102(a) since effective filing date of present application is December 8, 2003, not June 18, 2001

on which the parent application 09/806,852 was filed (present claims include subject matters not supported in the parent application 09/806,852).

Claims 6 of Nagahara teaches a photosensitive polysilazane composition comprising a polysilsesquiazane having a number average molecular weight of 100 to 100,000 and containing a basic constituent unit of $-\text{SiR}^6(\text{NR}^7)_{1.5}-$, in which R^6 represents a C_{1-3} alkyl group or a phenyl group and R^7 represents a H atom, a C_{1-3} alkyl group or a phenyl group, and a photoacid generator. Based on this teaching, one skilled in the art would immediately envisage the R^6 to be a methyl group and the R^7 to be a H atom. Also, claim 14 of Nagahara teaches a method forming a patterned inter-layer dielectric, which comprises forming a coating film of the radiation sensitive polysilsesquiazane composition, patternwise irradiating the coating film, dissolving and removing the irradiated part of the coating film, and leaving the residual patterned coating film in the ambient atmosphere or burning the coating film.

As photoacid generator, Nagahara teaches peroxides (such as 3,3',4,4'-tetra(t-butylperoxycarbonyl)benzophenone shown in [0163]) and nitrobenzyl ester (see [0083]). Therefore, Nagahara teaches present inventions of claims 4-6 and 11-15.

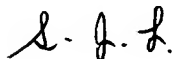
Nagahara also teaches the use of a sensitizing dye such as coumarin in [0033] and the use of an oxidization catalyst such as palladium propionate in [0035]. Therefore, Nagahara teaches present inventions of claims 8-10 and 17-19.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sin J. Lee whose telephone number is 571-272-1333.

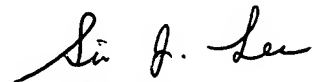
The examiner can normally be reached on Monday-Friday from 9:00 am EST to 5:30 pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cynthia Kelly, can be reached on 571-272-1526. The fax phone number for the organization where this application or proceeding is assigned is **571-273-8300**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



S. Lee
January 22, 2006



SIN LEE
PRIMARY EXAMINER